





1, MILVERTON HILL,  
LEAMINGTON SPA.

July, 1947.

**To the Southam Rural District Council.**

MR. CHAIRMAN, LADIES AND GENTLEMEN,

Herewith the Report for 1946, this is the 28th Annual Report I have presented to you.

As in the past few years this Report is restricted to a statement of facts, but a more extended report is given by the Sanitary Inspector.

Kindness has been extended to me by members of the Council and my colleagues, for which I am most grateful.

I am, Ladies and Gentlemen,

Your obedient Servant,

H. GIBBONS WARD,  
Medical Officer of Health

## *Southam Rural District.*

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### A. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Population (estimated) Mid-year, 1946	...	...	11,030
Birth Rate	...	...	18.2
Still Births—Rate per 1,000 total births	...	...	20
Death Rate	...	...	13.3
Deaths from Diseases and Accidents of Pregnancy and Child-birth	{ From Sepsis ,, other causes	...	— 5
Death Rate of Infants under 1 year of age :—			
All Infants per 1,000 live births	...	...	40
Legitimate Infants per 1,000 legitimate live births	...	...	38
Illegitimate Infants per 1,000 illegitimate live births	...	...	67
Deaths from Measles (all ages)	...	...	—
,,   ,,   Whooping Cough (all ages)	...	...	1
,,   ,,   Diarrhoea (under 2 years of age)	...	...	—

The estimated population shows an increase of 50 since 1945.

The Infant Mortality is better than in 1945 and also better than that for England and Wales.

The figures for Birth and Death Rates are not quite as good as those for the whole country.

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### B. GENERAL PROVISION OF HEALTH SERVICES IN THE DISTRICT.

#### 1. (a) *Public Health Officers.*

*Surveyor and Sanitary Inspector.*

H. L. WELCH, A.R.San.I., M.I.M. and Cy.E.

D. COOK, Housing Inspection.

2. (a) *Laboratory Facilities*.—Bacteriological examinations by Birmingham University:—

	Positive.		Negative.		Total.	
Diphtheria ...	1	...	11	...	12	
Enteric Fever ...	—	...	—	...	—	
Tuberculosis ...	—	...	1	...	1	
					—	
					13	
					—	

## C. SANITARY CIRCUMSTANCES OF THE DISTRICT.

### 1.—(i) WATER SUPPLY.

*Southam and Long Itchington*.—There are now 494 connections to Southam and Long Itchington Water Supply, 293 and 201 respectively.

This supply has been augmented by the Rugby supply. There is now no shortage of water in these Parishes.

*Harbury, Bishops Itchington, Napton, Ladbroke and Gaydon*.—This scheme has proved of the greatest value during the time since its completion.

*Lighthorne, Ufton and Shuckburgh*.—Schemes have been approved to connect these villages to the Public Supply.

*Stockton*.—Pipes have been delivered and it is hoped to connect to the Public Supply very shortly.

It is proposed to connect Northend, and Knightcote to the Rugby supply and other villages and services are being considered.

1. Whether the supply has been satisfactory (a) in quality, (b) in quantity.

(a) Yes. (b) Not during the drought period in some villages.

2. Where a piped supply, whether bacteriological examinations were made for (a) raw water, (b) treated water.

Samples were taken and proved satisfactory.

The results of any chemical analysis.

Satisfactory.

3. Any action taken for contamination.

No.

4. Particulars of proportion of dwelling houses and proportion of population supplied by public water mains.

(a) direct to houses, (b) by means of stand pipes.

Approx. proportion of houses and population :—

	<i>Houses and Population.</i>		<i>Stand Pipes.</i>		<i>Own wells and Supply.</i>	
Avon Dassett ...	20%	...	70%	...	10%	
(Private Company)						
Bishops Itchington	25%	...	50%	...	25%	
Burton Dassett ...	20%	...	70%	...	10%	
(Private Company)						
Fenny Compton	50%	...	45%	...	5%	
(Private Company)						
Gaydon ...	75%	...	20%	...	5%	
Ladbroke ...	50%	...	—	...	50%	
Long Itchington ...	50%	...	25%	...	25%	
Napton ...	60%	...	30%	...	10%	
Priors Hardwick	50%	...	50%	...	—	
Priors Marston ...	75%	...	20%	...	5%	
Radway ...	80%	...	20%	...	—	
Southam ...	65%	...	30%	...	5%	
Warmington ...	20%	...	70%	...	10%	

(ii) *Public Cleansing*.—Conditions have remained much as in past years, but with a view to improvement in the service, the Council has ordered a Karrier Refuse Lorry.

(iii) *Sanitary Inspection of Area*.—Table I. gives a summary of inspections.

#### D. HOUSING.

Full particulars of the usual Table have been compiled and are being kept for Record purposes.

3. *Overcrowding*.—Overcrowding continues in the District. Action is difficult, if not impossible.

##### *Rural Housing Survey Report.*

1,294 houses have been inspected during the year. (Total from November, 1945 to 31st December, 1946—1,520).

These have been placed in the following categories :—

No. 1.	No. 2.	No. 3.	No. 4.	No. 5.
102 ...	474 ...	464 ...	1 ...	251

also two caravans.

## E. INSPECTION AND SUPERVISION OF FOOD.

*Milk and Dairies.*—The number on the Register is 337.

*Milk (Special Designations) Orders, 1936 and 1938.*—The County Council are the Licensing Authority.

Number licensed to produce T.T. Milk	...	...	16
" " " Accredited Milk	...	...	15

The standard of cleanliness continues to improve ; steam sterilisation is insisted upon.

## F. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE.

*Incidence of Commoner Infectious Diseases since 1939.*

	Smallpox	Diphtheria.	Scarlet Fever.	Enteric Fever.	Pneumonia.	Encephalitis Lethargica.	Puerperal Pyrexia.
1940 ...	—	2	11	—	11	—	1
1941 ...	—	22	12	1	18	—	2
1942 ...	—	2	10	—	14	—	—
1943 ...	—	1	11	—	12	—	—
1944 ...	—	—	21	—	11	—	—
1945 ...	—	2	3	—	5	—	—
1946 ...	—	1	2	—	13	—	1

Reference to Table III. will give the age distribution of the cases notified during 1946.

*Diphtheria.*—1 case was notified, it was an adult woman who had not been immunised.

*Diphtheria Immunisation.*—The scheme for the immunisation of School Children continued during the year, and at the 31st December, 1946, 2,479 school children had been treated, also 1,110 under 5 years of age, giving a total of 3,589.

Cases of Infectious Disease are removed by arrangement with the Warwick Joint Hospital Board to their Hospitals.

## PREVALENCE OF, AND CONTROL OVER, TUBERCULOSIS.

AGE—PERIODS	NEW CASES.						DEATHS.					
	Pulmonary.			Non-Pulmonary.			Pulmonary.			Non-Pulmonary.		
	M.	F.		M.	F.		M.	F.		M.	F.	
0 ... ..	—	—	...	—	—	...	—	—	...	—	—	...
1 ... ..	—	—	...	—	—	...	—	—	...	—	—	...
5 ... ..	—	1	...	—	—	...	—	—	...	—	—	...
15 ... ..	2	1	...	—	1	...	—	1	...	1	...	1
25 ... ..	1	2	...	—	1	...	—	1	...	—	...	—
35 ... ..	—	—	...	—	—	...	—	—	...	2	...	—
45 ... ..	—	1	...	—	1	...	1	1	...	—	—	—
55 ... ..	—	—	...	—	—	...	—	—	...	—	—	—
65 and upwards	—	—	...	—	—	...	—	—	...	—	—	—
TOTALS ...	3	5	...	—	3	...	1	4	...	—	1	...

## PREVALENCE OF, AND CONTROL OVER, TUBERCULOSIS.

*Tuberculosis.*—The following table shows the notified cases and deaths, during the past 20 years :—

	1927	1928	1929	1930	1931	1932	1933
Cases ...	21	13	7	19	18	28	17
Deaths	9	5	10	8	5	6	5
	1934	1935	1936	1937	1938	1939	1940
Cases ...	19	16	14	15	19	12	6
Deaths	9	7	3	4	6	7	8
	1941	1942	1943	1944	1945	1946	
Cases ...	14	15	9	14	10	11	
Deaths	3	3	7	4	7	6	

It will be noted from the above figures that the number of cases was considerably below the average for the past 20 years, and the number of deaths about the average.

1 patient was admitted to Sanatorium during 1946. 4 were discharged.

## REPORT OF SANITARY INSPECTOR.

## To the Southam Rural District Council.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I beg to submit my annual report for work done in the Sanitary department during the year ending 31st December, 1946.



*Dairies and Cowsheds.*

Number on Register	...	...	337
Number of T.T. Licences	...	...	16
Number of Accredited Licences	...	...	15

*Scavenging.*

<i>Harbury</i>	...	Nightsoil	...	156	loads
		Ashes	...	147	„
		Tins	...	113	„
<i>Southam</i>	...	Nightsoil	...	163	„
		Ashes	...	645	„
		Tins	...	12	lorry loads
<i>Stockton</i>	...	Nightsoil	...	104	loads
		Ashes	...	46	lorry loads
		Tins	...	14	„
<i>Fenny Compton</i>		Nightsoil	...	104	loads
		Ashes	...	21	lorry loads
		Tins	...	6	„
<i>Long Itchington</i>		Nightsoil	...	156	loads
		Ashes	...	300	„
		Tins	...	12	„

Tins, etc., are collected quarterly in all other parishes.

*Infectious Disease.*

Number of Notifications	...	...	17
Number of Patients taken to Hospital			3
Number of Disinfections	...	...	14

*Slaughter Houses.*

Number on Register.	...	...	16
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*Meat, Fish, Canned Foods, etc.*

Number of Inspections	...	...	7
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*Factories and Workshops.*

Number on Register (with power)	...	29
do. (without power)	...	16

*Water Analysis.*

Number of Samples taken	...	...	21
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*Public Drainage.*

Sewers repaired at Harbury, Lighthorne, Priors Marston, Priors Hardwick, Southam, Long Itchington, Ufton, Radway, Shotteswell, Napton and Bishops Itchington Sewer ditches and Tanks in various Parishes were cleaned as requested.

Schemes are being prepared for Sewerage and Disposal Works in the Parishes of Harbury and Bishops Itchington.

A Sewerage Scheme for Napton is also contemplated.

*Building Bye-laws.*

Plans received for the following :—

<i>Bishops Itchington</i>		1 Storage Shed.
		1 Garage.
		1 Garage and Workshop.
		1 Alteration to Farm Buildings.
	12	Council Houses.
	1	Alteration to Cottage.
<i>Burton Dassett</i>	...	1 Alteration of Business Premises.
	1	„ „ Farm Buildings.
	1	Drainage.
<i>Farnborough</i>	...	1 Temporary Garage.
<i>Fenny Compton.</i>	12	Council Houses.
<i>Gaydon</i>	...	1 Store Shed.
<i>Harbury</i>	...	13 Houses (Including 12 Council Houses.
	3	Bungalows.
	1	Conversion of Building into Garage.
	1	Additions to house.
	1	Lavatories.
	1	Bathroom, etc.
	1	Cow house.
	1	Joiners' Workshop.
<i>Hodnell.</i>	...	2 Cottages.
<i>Ladbroke</i>	...	1 Bungalow.
	2	Cottages.
	1	Garage.
	1	House Alterations and Drainage.
<i>Lighthorne</i>	...	1 Tool and Store Shed.
<i>Long Itchington</i>	...	2 Garages.
	1	Petrol Filling Station.
	1	Alterations to House.
	12	Council Houses.
	2	Bungalows.
	1	Drainage, etc'
	1	School Additions.
	1	Nisson Hut for Livestock.
	1	Replacing Saw Mills.

<i>Shuckburgh</i>	...	1	Cow Hovel.
<i>Napton</i>	...	1	Conversion of Nisson Hut into House.
		1	Shed and Garage.
		1	Extensions to House.
<i>Priors Hardwick.</i>		1	House.
<i>Priors Marston</i>	...	2	Alterations to Houses.
		1	Bathroom.
		1	Drainage.
<i>Ratley</i>	...	1	Bungalow.
		2	Cottages.
		1	Quarrying Operations.
<i>Shotteswell</i>	...	1	Drainage.
<i>Southam</i>	...	2	Garages.
		1	Alterations to House.
		1	Additional Bedrooms to Cottage.
		20	Council Houses.
		1	Alterations to Hotel.
		1	Shoe Factory.
<i>Warmington</i>	...	1	Garage extensions.
<i>Wormleighton</i>	...	1	Wireless Transmitting Station.

## LEGAL PROCEEDINGS.

None taken.

I am, Ladies and Gentlemen,

Your obedient servant,

H. L. WELCH, A.R.San.I., M.I.M.  
and C.E.

TABLE I.

## SOUTHAM RURAL DISTRICT.

SUMMARY OF THE WORK DONE IN THE SANITARY INSPECTOR'S  
DEPARTMENT DURING THE YEAR, 1946.

	Inspections and Observations made.	Notices served.		Nuisances Abated after Notice.
		Statu- tory.	In- formal.	
Dwelling Houses and Schools ...	237	—	54	51
Dairies Milkshops, and Cowsheds..	341	—	8	4
Bakehouses ... ..	12	—	—	—
Slaughterhouses (now closed) ...	10	—	—	—
Canal Boats ... ..	—	—	—	—
Ashpits and Privies ... ..	184	—	12	11
Deposits of Refuse and Manure ...	5	—	2	2
Water Closets ... ..	29	—	3	3
Drainage Drainage ... ..	74	—	40	40
Water Supply ... ..	43	—	3	3
Pigsties ... ..	15	—	2	2
Animals improperly kept ... ..	6	—	2	2
Offensive Trades ... ..	—	—	—	—
Smoke Nuisances ... ..	—	—	—	—
Factories and Workshops...	35	—	3	3
Other Nuisances ... ..	—	—	—	—
	<hr/> 991 <hr/>	<hr/> — <hr/>	<hr/> 129 <hr/>	<hr/> 121 <hr/>

## PRECAUTIONS AGAINST INFECTIOUS DISEASE.

Lots of infected bedding, etc., disinfected or destroyed ...	—
Houses disinfected after infectious diseases ... ..	14
Schools disinfected after infectious diseases ... ..	—

H. L. WELCH, Sanitary Inspector.

TABLE II.

## SOUTHAM RURAL DISTRICT.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1946 AND PREVIOUS YEARS.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Nett.		Under 1 Year of age.		At all Ages.	
		Number.	Rate.	Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8
1940	11,310	194	17.1	8	40	167	14.7
1941	13,110	193	14.7	10	50	200	15.2
1942	12,740	228	18.5	8	35	145	11.7
1943	11,940	196	17.1	8	41	156	13.0
1944	11,350	231	20.7	6	26	147	13.1
1945	10,980	212	19.3	11	52	154	14.0
1946	11,030	200	18.2	8	40	147	13.3

## VITAL STATISTICS IN ENGLAND AND WALES, 1946.

## ENGLAND AND WALES.

*Birth-rate, Death-rate, and Infantile Mortality during the Year 1946.  
(Provisional Figures).*

Annual Rate per 1,000 Population.

			Live Births	Still Births.	Deaths.	Deaths under one year to 1,000 Births.
England and Wales	...	...	19.1	0.53	11.5	43
126 Great Towns, including London			22.2	0.67	12.7	46
148 Smaller Towns	...	...	21.3	0.59	11.7	37
London	...	...	21.5	0.54	12.7	41

TABLE III.

## SOUTHAM RURAL DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE  
YEAR 1946.

NOTIFIABLE DISEASE.	Number of Cases notified.							Total cases removed to Hospital	Total Deaths.
	At all Ages.	At Ages—Years.							
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.		
Small-pox ... ..									
Plague ... ..									
Diphtheria (including Mem- branous Croup) ... ..	1					1			1
Erysipelas ... ..									
Scarlet Fever ... ..	2				1	1			1
Typhus Fever ... ..									
Enteric Fever ... ..									
Pneumonia ... ..	13				1	1	4	7	12
Malaria ... ..									
Dysentery ... ..									
Puerperal Pyrexia ... ..	1				1				
Cerebro-spinal Meningitis ... ..									
Poliomyelitis ... ..									
Encephalitis Lethargica ... ..									
Ophthalmia Neonatorum ... ..									
Polio-Encephalitis ... ..									
Pulmonary Tuberculosis ... ..	8		1	3	3	1			5
Other forms of Tuberculosis ... ..	3		1		1	1			1
Totals ... ..	28	—	—	2	6	7	6	7	21

TABLE IV.  
SOUTHAM RURAL DISTRICT.

CAUSES OF DEATH DURING THE YEAR 1946.

CAUSES OF DEATH.	MALES.	FEMALES.
All Causes ... ..	73	74
1 Typhoid and Paratyphoid Fevers ...	—	—
2 Cerebro Spinal Fever ... ..	—	—
3 Scarlet Fever ... ..	—	1
4 Whooping Cough ... ..	1	—
5 Diphtheria ... ..	—	—
6 Tuberculosis of Respiratory System ...	1	4
7 Other Forms of Tuberculosis ... ..	—	1
8 Syphilitic Diseases ... ..	—	—
9 Influenza ... ..	2	2
10 Measles ... ..	—	—
11 Ac. Polio-Myel and Polio-Enceph. ...	—	—
12 Ac. Infant Enceph. ... ..	—	—
13 Cancer of B. Cav. and Oesoph (M.) Uterus (F.) ... ..	1	1
14 Cancer of Stomach and Duod. ... ..	1	3
15 Cancer of Breast ... ..	—	2
16 Cancer, other Sites ... ..	4	5
17 Diabetes ... ..	—	1
18 Intra Cran. Vasc. Lesions... ..	10	8
19 Heart Disease ... ..	20	14
20 Other Dis. Circ. Sys. ... ..	2	4
21 Bronchitis ... ..	7	5
22 Pneumonia ... ..	8	4
23 Other Resp. Diseases ... ..	—	1
24 Ulcer of Stomach and Duod. ... ..	1	2
25 Diarrhoea (under 2 years)... ..	—	—
26 Appendicitis ... ..	—	—
27 Other Digestive Diseases ... ..	1	2
28 Nephritis ... ..	1	6
29 Puer. and Post Abort Sepsis ... ..	—	—
30 Other Maternal Causes ... ..	—	1
31 Premature Birth ... ..	2	2
32 Con. Mal., Birth Inj., etc.... ..	—	1
33 Suicide ... ..	—	—
34 Road Traffic Accidents ... ..	2	—
35 Other Violent Causes ... ..	2	—
36 All Other Causes ... ..	7	5







